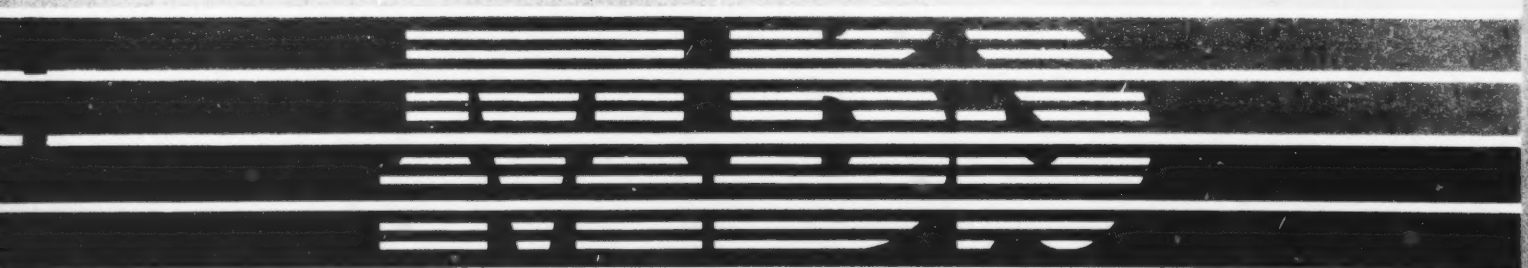
Manitoba

BUREAU OF STATISTICS



MANITOBA VITAL STATISTICS

1984

A REGIONAL ANALYSIS

MBS 85-7

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Manitoba
Bureau of
Statistics

I. EXECUTIVE SUMMARY

BIRTHS

There were 17,116 births in Manitoba in 1984. Of these, 11,076 (64.7%) occurred in Winnipeg. The North region had the highest birth rate with 19.6 births per thousand population. The lowest birth rate was in the Interlake region, where it was 5.8. For Manitoba, the birth rate was 16.2 births per thousand population.

There were 8,796 (51.4%) male births and 8,319 (48.6%) female births. Male births outnumbered female births in all regions except the North. For every 1,000 males in the population, there were 16.9 male births, compared to 15.5 female births for every 1,000 females in the population.

DEATHS

There were 8,313 deaths in Manitoba in 1984. There were 5,008 (60.2%) in Winnipeg alone. The region with the highest death rate was the Parklands, with 9.8 deaths per thousand population. The North region had the lowest death rate, with 3.8. The death rate was 7.9 for Manitoba.

There were 4,628 (55.7%) male deaths, compared to 3,684 (44.3%) female deaths. The death rates for males were higher than those for females in all 8 Economic Regions. For Manitoba, the male death rate was 8.9, while the female death rate was 6.9.

STILLBIRTHS

The number of stillbirths in Manitoba in 1984 was 129. The rate of male stillbirth was 7.7 per 1,000 live male births, while the rate of female stillbirth was 7.2 per 1,000 live female births. For Manitoba, the rate of stillbirth was 7.5 per 1,000 live births.

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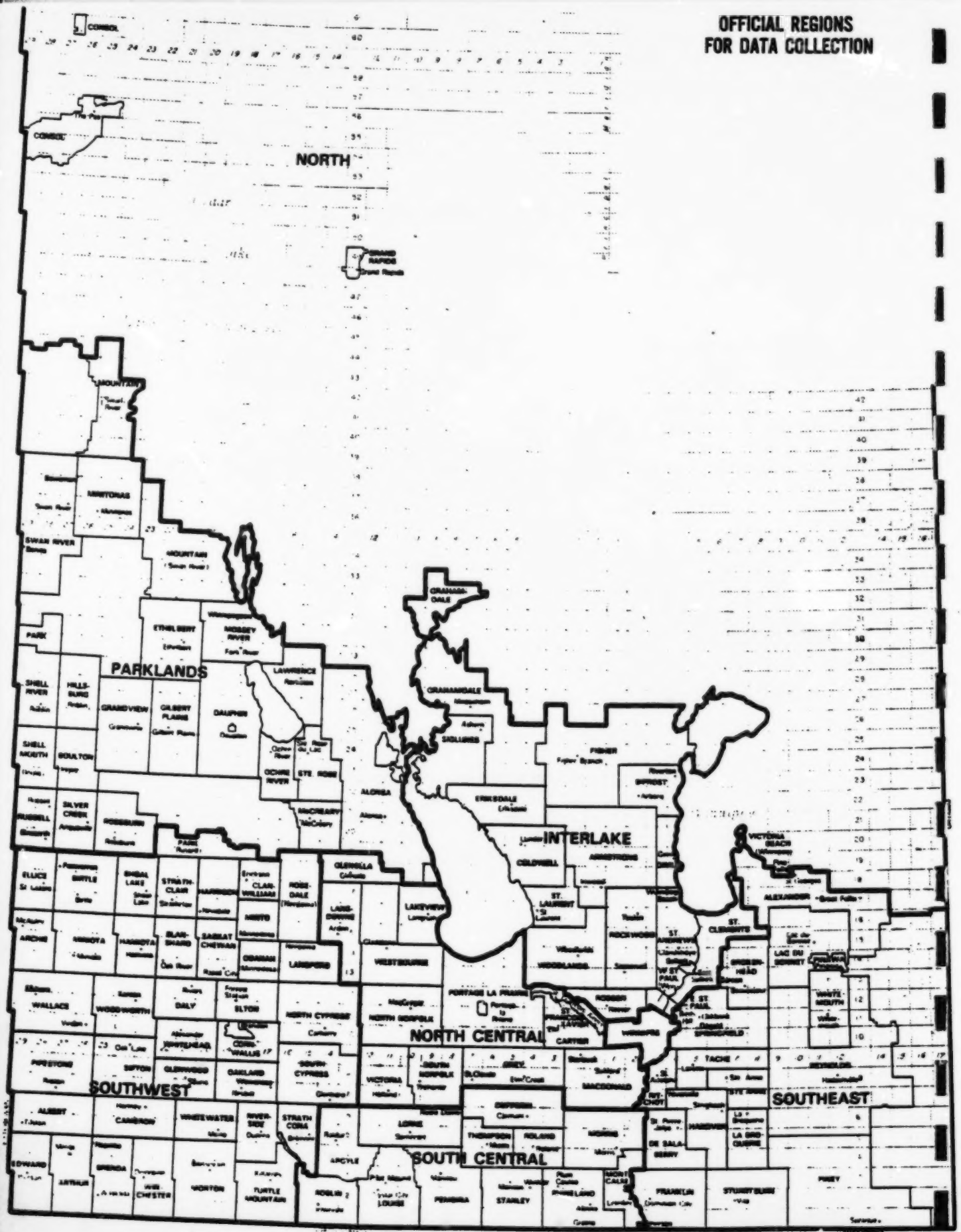
OFFICIAL REGIONS FOR DATA COLLECTION



II. INTRODUCTION

This article presents the data of the vital statistics (births, deaths, and stillbirths) in the year 1984 for the province of Manitoba. The tables were constructed using data that was reported by the Vital Statistics Branch, Department of Community Services and Corrections. This data refers to events that occurred in Manitoba and involved Manitobans by place of residence. Where all characteristics of an event have not been recorded, the vital event has been omitted from the statistical tables.

The population figures used are from the Statistics Canada 1984 postcensal annual estimates of population, rounded to the nearest hundred. Where population estimates by sex were not available, population projections by sex, from the Manitoba Bureau of Statistics, were used to derive the approximate distribution of the population by sex. The Statistics Canada estimate was then broken down according to this distribution.

Manitoba is divided into 8 Official Regions for Data Collection (also known as Economic Regions). The following table illustrates the association between data collection region, economic region, and census division.

OFFICIAL REGION FOR DATA COLLECTION	ECONOMIC REGION	CENSUS DIVISION
South East	60	1,2,12
South Central	61	3,4
South West	62	5,6,7,15
North Central	63	8,9,10
Winnipeg	64	11
Interlake	65	13,14,18
Parklands	66	16,17,20
North	67	19,21,22,23

The map also illustrates these relationships.

TABLE I MANITOBA 1984 VITAL STATISTICS BY ECONOMIC REGION -- BOTH SEXES

REGION	POPN IN 000'S	LIVE BIRTHS	STILL BIRTHS	DEATHS	NATURAL INCREASE	RATES			
						LIVE BIRTHS	STILL BIRTHS	DEATHS	NATURAL INCREASE
SOUTH EAST	71.7	436	1	333	103	6.1	2.3	4.6	1.4
SOUTH CENTRAL	49.4	661	8	365	296	13.4	12.1	7.4	6.0
SOUTH WEST	109.9	1814	14	1058	756	16.5	7.7	9.6	6.9
NORTH CENTRAL	46.3	579	5	299	280	12.5	8.6	6.5	6.0
WINNIPEG	582.2	11076	80	5008	6068	19.0	7.2	8.6	10.4
INTERLAKE	70.0	408	3	447	-39	5.8	7.4	6.4	-0.6
PARKLANDS	53.2	696	9	521	175	13.1	12.9	9.8	3.3
NORTH	73.8	1445	8	281	1164	19.6	5.5	3.8	15.8
MANITOBA	1056.5	17115	128	8312	8803	16.2	7.5	7.9	8.3

NOTE: RATES FOR LIVE BIRTHS, DEATHS, AND NATURAL INCREASE ARE PER 1000 POPULATION.
RATE FOR STILLBIRTHS IS PER 1000 LIVE BIRTHS.
THE POPULATION USED IS THE STATISTICS CANADA 1984 ESTIMATED POPULATION.

III. REGIONAL ANALYSIS

In Manitoba, there were 17,116 live births. As shown in Table I, it can be seen that Winnipeg accounted for more live births than any other region, with 11,076 (64.7%). The Interlake had the fewest with 408 (2.4%). The North had the highest birth rate with 19.6 births per 1,000 population. The rates in Winnipeg and the South West were slightly higher than the Manitoba rate of 16.2, while the other regions were lower in birth rate. The Interlake had the lowest birth rate with 5.8.

The number of stillbirths in Manitoba was 129. Winnipeg accounted for 80 (62%) of these stillbirths. The rate of stillbirth was highest in the Parklands region, where there were 12.9 stillbirths per 1,000 live births in that region. The South Central region also had a high rate, while the other regions had rates close to the Manitoba figure of 7.5. The South East region had the lowest rate of stillbirth with 2.3.

There were 8,313 deaths in 1984. Winnipeg had 5,008 (60.3%) of these deaths. The North had the fewest deaths, with 281 (3.4%). The death rate for Manitoba was 7.9 per 1,000 population. The highest death rate was in the Parklands, where it was 9.8. The South West also had a high rate (9.6), while the lowest death rates were found in the South East (4.6), and the North (3.8).

MALES

Referring to Table II, there were 8,796 male births in Manitoba. Of these, 5,725 (65.1%) occurred in Winnipeg. The Interlake had the fewest births with 217 (2.5%). The rate of births of males for Manitoba was 16.9 male births per 1,000 males in the population. Winnipeg's male birth rate was the highest at 20.4. The North and South West regions also had high rates, while the South East and Interlake had the lowest, both with 6.1 males per 1,000 males in their populations. All other regions had male birth rates close to 13.

Of the 68 male stillbirths in Manitoba, 43 (63.2%) occurred in Winnipeg. No other regions had more than 7 stillbirths. The rate of male stillbirth in Winnipeg was 7.5, which is close to the Manitoba figure of 7.7.

From Table II, deaths of males in Manitoba numbered 4,628, with 2,677 (57.8%), taking place in Winnipeg. The North Central region had the fewest male deaths with 172 (3.7%). The Parklands had the highest male death rate with 12.1 male deaths per 1,000 males in its population. There were also high male death rates in the South West (10.8) and Winnipeg (9.6). The lowest male death rates were found in the South East (5.9) and in the North (4.7).

TABLE II MANITOBA 1984 VITAL STATISTICS BY ECONOMIC REGION -- MALES

REGION	POPN IN 000'S	LIVE BIRTHS	STILL BIRTHS	DEATHS	NATURAL INCREASE	RATES			
						LIVE BIRTHS	STILL BIRTHS	DEATHS	NATURAL INCREASE
SOUTH EAST	36.8	226	1	216	10	6.1	4.4	5.9	0.3
SOUTH CENTRAL	24.8	338	4	206	132	13.6	11.8	8.3	5.3
SOUTH WEST	54.4	926	7	590	336	17.0	7.6	10.8	6.2
NORTH CENTRAL	23.5	304	3	172	132	12.9	9.9	7.3	5.6
WINNIPEG	280.0	5725	43	2677	3048	20.4	7.5	9.6	10.9
INTERLAKE	35.7	217	1	261	-44	6.1	4.6	7.3	-1.2
PARKLANDS	27.0	350	5	326	24	13.0	14.3	12.1	0.9
NORTH	38.4	710	4	180	530	18.5	5.6	4.7	13.8
MANITOBA	520.6	8798	68	4628	4168	16.9	7.7	8.9	8.0

TABLE III MANITOBA 1984 VITAL STATISTICS BY ECONOMIC REGION -- FEMALES

SOUTH EAST	34.9	210	0	117	93	6.0	0.0	3.4	2.7
SOUTH CENTRAL	24.6	323	4	159	164	13.1	12.4	6.5	6.7
SOUTH WEST	55.5	888	7	468	420	16.0	7.9	8.4	7.6
NORTH CENTRAL	22.8	275	2	127	148	12.1	7.3	5.6	6.5
WINNIPEG	302.2	5351	37	2331	3020	17.7	6.9	7.7	10.0
INTERLAKE	34.3	191	2	186	5	5.6	10.5	5.4	0.1
PARKLANDS	26.2	346	4	195	151	13.2	11.6	7.4	5.8
NORTH	35.4	735	4	101	634	20.8	5.4	2.9	17.9
MANITOBA	535.9	8319	60	3684	4635	15.5	7.2	6.9	8.6

NOTE: RATES FOR LIVE BIRTHS, DEATHS, AND NATURAL INCREASE ARE PER 1000 POPULATION.
RATE FOR STILLBIRTHS IS PER 1000 LIVE BIRTHS.
FEMALE POPULATION WAS DERIVED BY DISTRIBUTING THE 1984 ESTIMATED TOTAL POPULATION ACCORDING TO THE DISTRIBUTION OF FEMALES IN THE 1984 PROJECTED POPULATION.

FEMALES

As illustrated in Table III, there were 8,319 female births in Manitoba. Once again, the majority, 5,351 (64.3%) occurred in Winnipeg. The Interlake region registered the fewest female births with 191 (2.3%). The female birth rate for Manitoba was 15.5 per 1,000 females in the population. The North had the highest female birth rate at 20.8. Winnipeg (17.7) and the South West (16.0) were both above the Manitoba figure, while the other regions were below. The Interlake had the lowest female birth rate at 5.6.

There were 60 female stillbirths in Manitoba, 37 (61.7%) of which occurred in Winnipeg. The rate of female stillbirth in Winnipeg was 6.9 per 1,000 live female births, close to the Manitoba rate of 7.2. The South Central (12.4), Parklands (11.6), and Interlake (10.5) regions all had high rates of female stillbirth. There were no female stillbirths in the South East region.

The number of female deaths in Manitoba totalled 3,684. Winnipeg accounted for 2,331 (63.3%). The North had the fewest with 101 (2.7%). The highest female death rate was in the South West, where there were 8.4 female deaths for every 1,000 females in the population. The lowest female death rates were in the South East (3.4) and the North (2.9). The female death rates for the rest of the regions were close to the provincial figure of 6.9.

TABLE IV

MANITOBA 1984 BIRTHS AND STILLBIRTHS BY WEIGHT

WEIGHT	MALES			FEMALES			BOTH SEXES		
	LIVE BIRTHS	STILL BIRTHS	STILL BIRTH RATE	LIVE BIRTHS	STILL BIRTHS	STILL BIRTH RATE	LIVE BIRTHS	STILL BIRTHS	STILL BIRTH RATE
UNDER 500 g	7	6	857.1	12	5	416.7	19	11	578.9
500 - 999 g	30	17	566.7	16	15	937.5	46	32	695.7
1000-1499 g	41	9	219.5	36	3	83.3	77	12	155.8
1500-1999 g	88	7	79.5	81	6	74.1	169	13	76.9
2000-2499 g	266	5	18.8	295	4	13.6	561	9	16.0
2500-2999 g	1008	5	5.0	1298	4	3.1	2306	9	3.9
3000-3499 g	2813	4	1.4	3201	12	3.7	6014	16	2.7
3500-3999 g	3089	5	1.6	2520	3	1.2	5609	8	1.4
4000-4499 g	1184	2	1.7	705	1	1.4	1889	3	1.6
4500-4999 g	234	1	4.3	125	0	0.0	359	1	2.8
5000-5499 g	24	0	0.0	22	1	45.5	46	1	21.7
5500-5999 g	7	0	0.0	1	0	0.0	8	0	0.0
6000-6499 g	0	0	**	0	0	**	0	0	**
OVER 6500 g	0	0	**	0	0	**	0	0	**
TOTALS	8791	61	6.9	8312	54	6.5	17103	115	6.7

NOTE: STILLBIRTH RATE IS PER 1000 LIVE BIRTHS.

IV. WEIGHT-SPECIFIC BIRTHS AND STILLBIRTHS

Table IV shows that there were few live births in the extreme weight classes. Most of the live births occurred between the weights 2500 g and 4500 g. There were 6,014 (35.2%) of them between 3000 g and 3500 g, the most for any one weight class. The heaviest live births recorded were between 5500 g and 6000 g.

The most stillbirths occurred between 500 g and 1000 g of weight. This weight class had 32 (27.8%) of the stillbirths, a stillbirth rate of 695.7 per 1,000 livebirths.

MALES

The male live births followed the same general pattern as above. There were 3,089 (35.1%) live male births between 3500 g and 4000 g in weight, more than in any other weight class.

The most stillbirths occurred between 500 g and 1000 g in weight, where there were 17 (27.9%). The largest male stillbirth rate was for those less than 500 g in weight. There were 857.1 male stillbirths per 1,000 live male births of this weight.

FEMALES

The female live births also followed the same general pattern as above with 3,201 (38.5%) of the female live births between 3000 g and 3500 g in weight.

The most stillbirths occurred between 500 g and 1000 g. This weight class, which had 15 (27.8%) of the female stillbirths, had the highest female rate of stillbirth, 937.5 female stillbirths per 1,000 live female births in this class.

TABLE V

MANITOBA 1984 DEATH BY AGE GROUP

AGE IN YEARS	MALES			FEMALES			BOTH SEXES		
	POPN IN 000'S	DEATHS	DEATH RATE	POPN IN 000'S	DEATHS	DEATH RATE	POPN IN 000'S	DEATHS	DEATH RATE
UNDER 1	8.6	82	9.5	8.0	67	8.4	16.6	149	9.0
1 - 4	32.9	19	0.6	30.9	22	0.7	63.8	41	0.6
5 - 9	39.7	12	0.3	37.6	5	0.1	77.3	17	0.2
10-14	41.4	16	0.4	39.7	6	0.2	81.1	22	0.3
15-19	44.2	58	1.3	42.4	23	0.5	86.6	81	0.9
20-24	50.3	71	1.4	49.3	23	0.5	99.6	94	0.9
25-29	45.9	50	1.1	45.7	20	0.4	91.6	70	0.8
30-34	41.3	46	1.1	41.6	20	0.5	82.9	66	0.8
35-39	36.5	49	1.3	36.3	24	0.7	72.8	73	1.0
40-44	28.5	85	3.0	28.3	37	1.3	56.8	122	2.1
45-49	24.5	104	4.2	24.4	72	3.0	48.9	176	3.6
50-54	24.5	162	6.6	24.7	103	4.2	49.2	265	5.4
55-59	24.0	242	10.1	25.7	146	5.7	49.7	388	7.8
60-64	23.1	413	17.9	26.6	215	8.1	49.7	628	12.6
65-69	19.4	525	27.1	22.3	318	14.3	41.7	843	20.2
70-74	15.9	678	42.6	19.4	426	22.0	35.3	1104	31.3
75-79	10.4	671	64.5	14.4	529	36.7	24.8	1200	48.4
80-84	6.3	601	95.4	9.3	537	57.7	15.6	1138	72.9
85-89	2.7	423	156.7	5.2	513	98.7	7.9	936	118.5
90 AND OVER	1.3	319	245.4	3.0	578	192.7	4.3	897	208.6
TOTALS	521.4	4626	8.9	534.8	3684	6.9	1056.2	8310	7.9

NOTE: DEATHRATE IS DEATHS PER 1000 POPULATION.

V. AGE-SPECIFIC DEATHS

From Table V, it can been seen that the number of deaths steadily rose as age increased. However, there was a high number of deaths in the first year of life, which did not fit in with this pattern.

There were 149 (1.8%) of the deaths in the first year of life. This is a death rate of 9.0 per 1,000 people of this age. The lowest death rate was for those between the ages 5 and 9, where there were 17 (0.2%) deaths, a rate of 0.2. The most deaths occurred between the ages 75 and 79, where there were 1,200 (14.4%). The highest death rate occurred in the highest age group. There were 897 deaths of those aged 90 years or more, a rate of 208.6 for this group.

MALES

There were 82 (1.8%) deaths of those less than a year of age, a death rate of 9.5 for this age group. The most male deaths occurred between the ages 70 and 74, where there were 678 (14.7%). The fewest male deaths for an age group was 12 (0.3%), for those between ages 5 and 9. For this age group, the death rate for males was 0.3, lower than in any other. The highest male death rate (245.4) was for the age group, 90 and over.

FEMALES

There were 67 (1.8%) female deaths of less than a year of age, according to Table V. This is a death rate of 8.4. The most female deaths occurred in the highest age group, where 578 (15.7%) of the deaths, or 192.7 per 1,000 females, occurred. The fewest female deaths were between the ages 5 and 9, where there were 5 (0.1%). The female death rate for this age group was 0.1.

TABLE VI

MANITOBA 1984 INFANT DEATHS BY AGE

AGE	MALES		FEMALES		BOTH SEXES	
	DEATHS	DEATH RATE	DEATHS	DEATH RATE	DEATHS	DEATH RATE
UNDER 1 DAY	17	1.9	20	2.4	37	2.2
1 - 6 DAYS	25	2.8	18	2.2	43	2.5
7 - 13 DAYS	3	0.3	4	0.5	7	0.4
14 - 27 DAYS	1	0.1	3	0.4	4	0.2
28 DAYS-3 MONTHS	17	1.9	11	1.3	28	1.6
3 - 6 MONTHS	11	1.3	8	1.0	19	1.1
6 MONTHS-1 YEAR	8	0.9	3	0.4	11	0.6
NEONATAL	46	5.2	45	5.4	91	5.3
POST-NEONATAL	36	4.1	22	2.6	58	3.4
INFANT	82	9.3	67	8.1	149	8.7
PERINATAL	110	12.4	98	11.7	208	12.1

NOTE: INFANT DEATH RATES ARE PER 1000 LIVE BIRTHS.
PERINATAL DEATH RATES ARE PER 1000 TOTAL BIRTHS.

VI. INFANT DEATHS

Infant deaths are deaths among those of less than 1 year of age. These deaths are further classified as being neonatal or post-neonatal. Neonatal deaths are deaths among infants less than 28 days of age. Post-neonatal deaths are infant deaths of 28 days of age or more. Another class of infant deaths is the perinatal death. A perinatal death is a death at less than 7 days of age or a stillbirth.

From Table VI, it can be seen that there were 149 infant deaths (1.8% of all deaths) in Manitoba, 91 (61.1%) of which were neonatal, and 58 (38.9%) of which were post-neonatal. There were 208 perinatal deaths.

Almost all of the neonatal deaths were also perinatal deaths, as 37 (24.8%) of the deaths were of those less than 1 day of age, and 43 (28.9%) were of those between 1 and 6 days of age. The neonatal death rate was 3.4 per 1,000 live births. Of the 208 perinatal deaths, 128 (61.5%) were stillbirths. The perinatal death rate was 12.1 per 1,000 total births, where total births are defined to be live births and stillbirths combined.

MALES

There were 82 (55.0%) male infant deaths. There were 46 (56.1%) neonatal and 36 (43.9%) post-neonatal deaths. There were also 110 perinatal deaths. Most of the male neonatal deaths were also perinatal. There were 17 male deaths (20.7%) of less than 1 day of age, and 25 (30.5%) aged 1 to 6 days. Of the 110 perinatal deaths, 68 (61.8%) were stillbirths.

FEMALES

There were 67 (45.0%) female infant deaths in 1984. Of these, 45 (67.2%) were neonatal, 22 (32.8%) were post-neonatal, and there were 98 female perinatal deaths, 60 (61.2%) of which were stillbirths. There were 20 (29.9%) female infant deaths on the first day of life, and 18 (26.9%) between the ages 1 and 6 days.

TABLE 7 INFANT DEATHS BY TYPE AND ECONOMIC REGION BOTH SEXES

	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
TYPE									
INFANT	0	7	8	4	109	3	2	16	149
NEONATAL	0	2	6	1	73	1	1	7	91
POST-NEONATAL	0	5	2	3	36	2	1	9	58
STILL BIRTHS	1	8	14	5	80	3	9	8	128
PERINATAL	1	10	20	6	142	4	10	15	208
RATE (per 1,000 live births)									
INFANT	0	10.6	4.4	6.9	9.8	7.4	2.9	11.1	8.7
NEONATAL	0	3.0	3.3	1.7	6.6	2.5	1.4	4.8	5.3
POST-NEONATAL	0	7.6	1.1	5.2	3.3	4.9	1.4	6.2	3.4
STILL BIRTHS	2.3	12.1	7.7	8.6	7.2	7.4	12.9	5.5	7.5
PERINATAL	2.3	15.1	11.0	10.4	12.8	9.8	14.4	10.4	12.2

NOTE: NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.
POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.
PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.

VII. INFANT DEATHS BY TYPE AND ECONOMIC REGION

As shown in Table 7, Winnipeg recorded 109 (73.2%) of the 149 infant deaths in Manitoba during 1984. The North with 16 (10.7%) was the only other region to record more than ten during 1984. There were no infant deaths recorded in the South East.

Of the 109 infant deaths in Winnipeg, 73 (67.0%) were neonatal while the other 36 (33.0%) were post-neonatal. For the South West, 6 (75.0%) of the 8 infant deaths were neonatal and 2 (25.0%) were post-neonatal. However for the North 7 (43.8%) were neonatal and 9 (56.3%) post-neonatal. The South Central region also had more post-neonatal deaths at 5 (71.4% of the 7 infant deaths in the region) than neonatal (2 or 28.6%).

When expressed per 1,000 live births, Manitoba had an infant death rate of 8.7. The North at 11.1 infant deaths per 1,000 live births, South Central at 10.6 and Winnipeg at 9.8 were all above the provincial figure.

When perinatal deaths are examined, Winnipeg had 142 (68.3%) of the 208 perinatal deaths in Manitoba. The South West with 20 (9.6%), the North with 15 (7.2%), and Parklands and South Central with 10 perinatal deaths each (4.8%) accounted for most of the remaining 68 perinatal deaths that occurred outside Winnipeg.

Manitoba had a perinatal rate of 12.2 per 1,000 live births. Regions with rates above the provincial figure are South Central (15.1), Parklands (14.4) and Winnipeg (12.8). The South East had a perinatal rate of 2.3.

Detailed information on infant deaths by age, sex and Economic Region is shown in Tables D1-D3.

VIII. CONCLUSION

The natural increase is the number of births minus the number of deaths. For Manitoba in 1984, there was a natural increase of 8,803. This is a rate of 8.3 per thousand population. The natural increase of the female population was slightly higher than that of the male population.

Winnipeg had the highest natural increase, with 6,068 more births than deaths (68.9% of the provincial natural increase). The highest rate of natural increase was found in the North, where there was an excess of 15.8 births over deaths per 1,000 population. Winnipeg's rate was also high at 10.4. Low rates of natural increase occurred in the Parklands and in the South East, while the Interlake region actually had a natural decrease of 39, which is a rate of 0.6 more deaths than births per 1,000 population. The rate of natural increase was higher for females than it was for males in every region but Winnipeg.

Most live births occurred between the weights 2.5 kg and 4.5 kg. Males tended to be born at higher weights than females, on the average. Most stillbirths occurred at weights below 2 kg, with many between 0.5 kg and 1 kg in weight. The rate of stillbirth was very high for the lower weight classes.

There were few deaths between the ages 1 and 39. The number of deaths of males was highest between the ages 65 and 84, while for females, the most deaths occurred at ages over 75. Male death rates were higher than female death rates over all age groups, except between ages 1 and 4. Most infant deaths occurred in the first week of life.

Further information and custom data tabulations on the 1984 vital statistics can be obtained from the Manitoba Bureau of Statistics by contacting David Greenwood at 945-2989.

TABLE A1

BIRTHS BY WEIGHT BY ECONOMIC REGION

BOTH SEXES

WEIGHT	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500g			2		8		1	8	19
500-999		1	8		36	1			46
1000-1499			4	2	67	2		2	77
1500-1999			9	3	143	1	6	7	169
2000-2499	2	12	46	20	418	6	20	37	561
2500-2999	37	64	225	70	1611	54	84	161	2306
3000-3499	166	220	615	210	3958	130	239	476	6014
3500-3999	170	242	632	192	3485	135	255	498	5609
4000-4499	54	105	237	66	1099	56	73	199	1889
4500-4999	5	15	31	14	211	20	16	47	359
5000-5499	1		5	2	28	2	2	6	46
5500-5999	1	1			4	1		1	8
UNKNOWN		1			8			3	12
TOTAL	436	661	1814	579	11076	408	696	1445	17115

TABLE A2

BIRTHS BY WEIGHT BY ECONOMIC REGION

MALES

WEIGHT	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500g			1		2			4	7
500-999			5		24	1			30
1000-1499			1	2	37			1	41
1500-1999			5		78		2	3	88
2000-2499	2	6	23	12	196	4	6	17	266
2500-2999	17	22	104	26	717	19	40	63	1008
3000-3499	77	101	277	106	1867	65	114	206	2813
3500-3999	94	132	335	110	1935	84	138	261	3089
4000-4499	33	65	152	37	703	31	43	120	1184
4500-4999	2	10	21	10	144	11	6	30	234
5000-5499			2	1	16	2	1	2	24
5500-5999	1	1			4			1	7
UNKNOWN		1			2			2	5
TOTAL	226	338	926	304	5725	217	350	710	8796

TABLE A3

BIRTHS BY WEIGHT BY ECONOMIC REGION

FEMALES

WEIGHT	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500g			1		6		1	4	12
500-999		1	3		12				16
1000-1499			3		30	2		1	36
1500-1999			4	3	65	1	4	4	81
2000-2499		6	23	8	222	2	14	20	295
2500-2999	20	42	121	44	894	35	44	98	1298
3000-3499	89	119	338	104	2091	65	125	270	3201
3500-3999	76	110	297	82	1550	51	117	237	2520
4000-4499	21	40	85	29	396	25	30	79	705
4500-4999	3	5	10	4	67	9	10	17	125
5000-5499	1		3	1	12		1	4	22
5500-5999						1			1
UNKNOWN					6			1	7
TOTAL	210	323	888	275	5351	191	346	735	8319

TABLE B1

STILL BIRTHS BY WEIGHT BY ECONOMIC REGION

BOTH SEXES

WEIGHT	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500g		2		2	6			1	11
500-999	1	1	3	1	21	1	1	3	32
1000-1499			3		8		1		12
1500-1999		1	1		7	1	1	2	13
2000-2499		1			7		1		9
2500-2999		1			6	1		1	9
3000-3499		2	4	1	7		1	1	16
3500-3999			2		4		2		8
4000-4499					2		1		3
4500-4999					1				1
5000-5499					1				1
5500-5999									0
UNKNOWN									0
TOTAL	1	8	13	4	70	3	8	8	115

TABLE B2

STILL BIRTHS BY WEIGHT BY ECONOMIC REGION

MALES

WEIGHT	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500g					3			1	6
500-999	1	1		2	11	1	1	2	17
1000-1499			3		5		1		9
1500-1999		1	1		4			1	7
2000-2499					4		1		5
2500-2999		1			4				5
3000-3499		1	2		1				4
3500-3999			1		2		2		5
4000-4499					2				2
4500-4999					1				1
5000-5499									0
5500-5999									0
UNKNOWN									0
TOTAL	1	4	7	2	37	1	5	4	61

TABLE B3

STILL BIRTHS BY WEIGHT BY ECONOMIC REGION

FEMALES

WEIGHT	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500g									0
500-999		2			3				5
1000-1499			3	1	10			1	15
1500-1999					3				3
2000-2499		1			3	1	1	1	6
2500-2999					3				4
3000-3499		1			2	1		1	4
3500-3999			2	1	6		1	1	12
4000-4499			1		2				3
4500-4999							1		1
5000-5499									0
5500-5999					1				1
UNKNOWN				/					0
TOTAL	0	4	6	2	33	2	3	4	54

TABLE C1

DEATHS BY AGE GROUP AND ECONOMIC REGION

BOTH SEXES

AGE	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 YEAR		7	8	4	109	3	2	16	149
1-4 YEARS	4	2	2	2	25	4		2	41
5-9		2	1	1	8		2	3	17
10-14	1		3	1	10	1	1	5	22
15-19	5	3	7	4	31	5	2	24	81
20-24	6	1	8	5	52	3	7	12	94
25-29	3	2	9	4	41	1	2	8	70
30-34	6		4	3	38	1	3	11	66
35-39	8	2	9	1	45	2	2	4	73
40-44	5	7	10	4	69	6	8	13	122
45-49	9	4	20	6	113	8	10	6	176
50-54	11	4	27	9	179	15	8	12	265
55-59	15	5	46	6	248	20	28	20	388
60-64	25	19	58	23	420	30	32	21	628
65-69	29	30	102	26	559	33	53	11	843
70-74	33	51	136	32	706	49	61	36	1104
75-79	51	55	152	46	710	74	91	21	1200
80-84	57	55	174	44	629	70	77	32	1138
85-89	39	67	131	42	507	61	71	18	936
90 AND OVER	26	49	151	36	508	61	60	6	897
UNKNOWN					1		1		2
TOTAL	333	365	1058	299	5008	447	521	281	8312

TABLE C2

DEATHS BY AGE GROUP AND ECONOMIC REGION

MALES

AGE	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 YEAR	1	5	4	2	59		2	10	82
1-4 YEARS		2		1	13	1		1	19
5-9	1	2	1	1	5		2	1	12
10-14	5	2		1	8	1	1	4	16
15-19	6		6	3	20	4	2	16	58
20-24	3	2	6	2	40	3	7	7	71
25-29	5		8	3	25		2	7	50
30-34	6	2	3	2	24	1	1	10	46
35-39	4	5	5	1	28	1	2	4	49
40-44	5	2	10	3	42	5	7	9	85
45-49	7	2	12	5	65	6	6	3	104
50-54	11	2	21	4	104	8	7	9	162
55-59	18	13	31	4	152	17	15	10	242
60-64	21	15	35	19	271	23	20	14	413
65-69	20	35	70	14	342	22	34	7	525
70-74	33	32	83	23	415	31	47	24	678
75-79	36	30	90	26	375	45	54	16	671
80-84	22	34	91	27	312	42	46	17	601
85-89	12	21	60	21	203	33	41	9	423
90 AND OVER			54	10	173	18	29	2	319
UNKNOWN					1		1		2
TOTAL	216	206	590	172	2677	261	326	180	4628

TABLE C3

DEATHS BY AGE GROUP AND ECONOMIC REGION

FEMALES

AGE	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 YEAR		2	4	2	50	3		6	67
1-4 YEARS	3		2	1	12	3		1	22
5-9					3			2	5
10-14			3		2			1	6
15-19		1	1	1	11	1		8	23
20-24		1	2	3	12			5	23
25-29			1	1	16	1		1	20
30-34	1		1	1	14		2	1	20
35-39	2		4		17	1			24
40-44	1	2		1	27	1	1	4	37
45-49	4	2	8	1	48	2	4	3	72
50-54	4	2	6	5	75	7	1	3	103
55-59	4	3	15	2	96	3	13	10	146
60-64	7	6	23	4	149	7	12	7	215
65-69	8	15	32	12	217	11	19	4	318
70-74	13	16	53	9	291	18	14	12	426
75-79	18	23	62	20	335	29	37	5	529
80-84	21	25	83	17	317	28	31	15	537
85-89	17	33	71	21	304	28	30	9	513
90 AND OVER	14	28	97	26	335	43	31	4	578
UNKNOWN									0
TOTAL	117	159	468	127	2331	186	195	101	3684

TABLE D1

INFANT DEATHS BY AGE AND ECONOMIC REGION

BOTH SEXES

AGE	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 DAY		2	4	1	23	1		6	37
1 - 6 DAYS			2		39		1	1	43
7 - 13 DAYS					7				7
14 - 27 DAYS					4				4
28 DAYS - 3 MONTHS		3			19	1	1	4	28
3 - 6 MONTHS		2	2	2	9	1		3	19
6 MONTHS - 1 YEAR				1	8			2	11
INFANT	0	7	8	4	109	3	2	16	149
NEONATAL	0	2	6	1	73	1	1	7	91
POST-NEONATAL	0	5	2	3	36	2	1	9	58
STILL BIRTHS	1	8	14	5	80	3	9	8	128
PERINATAL	1	10	20	6	142	4	10	15	208

NOTE: NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.
POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.
PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.

TABLE D2

INFANT DEATHS BY AGE AND ECONOMIC REGION

MALES

AGE	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 DAY		2	2		10			3	17
1 - 6 DAYS			1		22		1	1	25
7 - 13 DAYS					3				3
14 - 27 DAYS					1				1
28 DAYS - 3 MONTHS		2			12		1	2	17
3 - 6 MONTHS		1	1	2	5			2	11
6 MONTHS - 1 YEAR					6			2	8
INFANT	0	5	4	2	59	0	2	10	82
NEONATAL	0	2	3	0	36	0	1	4	46
POST-NEONATAL	0	3	1	2	23	0	1	6	36
STILL BIRTHS	1	4	7	3	43	1	5	4	68
PERINATAL	1	6	10	3	75	1	6	8	110

NOTE: NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.
POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.
PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.

TABLE D3

INFANT DEATHS BY AGE AND ECONOMIC REGION

FEMALES

AGE	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 DAY			2	1	13	1		3	20
1 - 6 DAYS			1		17				18
7 - 13 DAYS					4				4
14 - 27 DAYS					3				3
28 DAYS - 3 MONTHS		1			7	1		2	11
3 - 6 MONTHS		1	1		4	1		1	8
6 MONTHS - 1 YEAR				1	2				3
INFANT	0	2	4	2	50	3	0	6	67
NEONATAL	0	0	3	1	37	1	0	3	45
POST-NEONATAL	0	2	1	1	13	2	0	3	22
STILL BIRTHS	0	4	7	2	37	2	4	4	60
PERINATAL	0	4	10	3	67	3	4	7	98

NOTE: NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.
POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.
PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.